

users; and a data collection method and network that is capable of improving its accuracy, effectiveness and efficiency over the time.

**[0009]** Accordingly, it is a principal objective of my invention to provide a data collection network that is capable of collecting data from and monitoring data of a group of users altogether.

**[0010]** It is a further objective of my invention to provide a data collection method and network that is capable of collecting impact data on outside surface of a closed container.

**[0011]** It is a still further objective of my invention to provide a data collection method and network that is capable of collecting impact data of outside surface of a group of closed containers.

**[0012]** It is a still further objective of my invention to provide a data collection method and network that is capable of developing an individual database for each said individual user from said data, and a central database based on all or some of these individual database associated with said group of users.

**[0013]** It is a still further objective of my invention to provide a data collection method and network that is capable of improving its accuracy, effectiveness and efficiency over the time . . . .

**[0014]** Other objects of my invention, as well as particular features, elements, and advantages thereof, will be elucidated in, or apparent from, the following description and the accompanying drawing figures.

#### SUMMARY OF THE INVENTION

**[0015]** This summary is provided to introduce a selection of concepts in a simplified form that are further described below in the Detailed Description section. This summary is not intended to identify key features or essential features of the claimed subject matter, nor is it intended to be used as an aid in determining the scope of the claimed subject matter.

**[0016]** According to my present invention, I have provided a data collection network capable of collecting data from a group of users. Said data collection network comprises a data collection apparatus associated with each of individual user of said group of users; a closed container associated with each of said data collection apparatus, said closed container containing a medium, said data collection apparatus disposed within said medium; a central server, said central server being an independent server or a plurality of decentralized servers connected through internet; a telecommunication apparatus associated with each of said data collection apparatus, said telecommunication apparatus wirelessly coupling said data collection apparatus to said central server; a database associated with each of said data collection apparatus, said database containing said data collected by said data collection apparatus, said database being administrated by said central server; and a central database, said central database being administrated by said central server.

**[0017]** Said data collection apparatus comprises a power source apparatus, said power source apparatus capable of providing power to said data collection apparatus; a timing apparatus, said timing apparatus capable of providing date and time information to said data collection apparatus; a data collecting apparatus, said data collecting apparatus capable of continuously or periodically collecting said data associ-

ated with said individual user, said data being physical data, chemical data, biological data, physiological data, or similar, according to a proprietary algorithm; a data processing apparatus, said data processing apparatus capable of administrating said data collection apparatus and processing said data collected by said data collecting apparatus, according to said proprietary algorithm; a data storing apparatus, said data storing apparatus capable of storing said data for a period of time, according to said proprietary algorithm; and a data communicating apparatus, said data communicating apparatus capable of communicating said data to said central server through said telecommunication apparatus, according to said proprietary algorithm.

**[0018]** Said central server is capable of developing said central database by using some or all of said data from some or all of said database associated with said group of users, analyzing said database, said central database, or a combination thereof, to generate a plurality of reports on said individual user, according to said proprietary algorithm.

**[0019]** Said plurality of reports, used and analyzed in association with said data, from said database, said central database, or a combination thereof, can be used to determine past physical, past biological, past physiological, or past similar condition, and predict future physical, future biological, future physiological, or future similar condition, of said individual user, according to said proprietary algorithm.

**[0020]** Said proprietary algorithm can be improved and modified either manually by an administrator or automatically by said central server based on information associated with said data, said database, said central database, or a combination thereof.

**[0021]** The present invention also provides a data collection method capable of collecting data from a group of users, Said data collection method comprises providing a data collecting means associated with each of individual user of said group of users; providing a closed container means associated with each of said data collecting means, said closed container means containing a medium, said data collecting means disposed within said medium; providing a central server, said central server being an independent server or a plurality of decentralized servers connected through internet; providing a telecommunication means associated with each of said data collecting means, said telecommunication means wirelessly coupling said data collecting means to said central server; developing a database associated with each of said data collecting means, said database containing said data collected by said data collecting means, said database being administrated by said central server according to a proprietary algorithm; and developing a central database, said central database being administrated by said central server according to said proprietary algorithm.

**[0022]** Said data collecting means comprises a powering means, said powering means capable of providing power to said data collecting means; a timing means, said timing means capable of providing date and time information to said data collecting means; a sensor means, said sensor means being either an individual sensor means or a plurality of sensor means, said sensor means capable of continuously or periodically collecting said data associated with said individual user, said data being physical data, chemical data, biological data, physiological data, or similar, according to said proprietary algorithm; a processor, said processor capable of administrating said data collecting means and